Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 19 Feb 2021 until 23:59 on Saturday 20 Feb 2021

Forecast Issued on Thursday 18 Feb 2021 at 11:11

Confidence: High for generally unsettled and seasonally mild, but confidence lowering for the extent and timing of the worst conditions, particularly from the weekend.

Headline for Friday 19 Feb 2021: Dull with occasional rain, heavy at times.

Mountain weather hazards on Friday 19 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Sleet	Heavy Rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	10%	30%	80%	90%	>95%	>95%	>95%

Forecast for Friday 19 Feb 2021

Weather: Cloud thickening from the west during the night with patchy light rain arriving towards dawn, sleety across highest summits initially. A dull, overcast day with occasional rain, heavy at times, particularly through the afternoon. Rain turning increasingly light and patchy through the evening, with chance of some clear spells in the west towards midnight.

Chance of cloud free mountain/hill tops above 600m: 20%

Visibility: Moderate or poor in rain, less in cloud with bases quite extensive from 500-750m.

Forecast for Friday 19 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/31 SW	20/29 S	23/34 S	29/42 S	32/47 S	30/43 S	29/43 S	26/40 S	23/36 S
300	11/25 SW	10/23 S	15/33 S	19/40 S	20/41 S	18/38 S	18/38 S	18/38 S	16/34 S
Valley	8/21 SW	10/27 S	14/34 S	19/41 S	20/43 S	19/40 S	18/39 S	17/37 S	15/32 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	-0/-7	0/-6	2/-5	4/-3	5/-1	6/-0	6/0	6/1
300	3/-1	2/-3	3/-2	4/-1	6/1	7/3	8/4	8/4	8/4
Valley	4/2	4/-0	5/0	6/1	7/3	9/5	9/6	10/6	9/6
Freezing Level*	700m	600m	800m	1100m	1800m	1800m	1900m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Summit gales bringing severe wind chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 18 Feb 2021	7.2mm	13.6mm	16.8mm

Forecast for Saturday 20 Feb 2021
Weather: Detail uncertain, but best chance of dry and perhaps bright conditions early morning on an otherwise cloudy day with occasional rain, which again turns heavy at times.

Maximum wind: South mean 25-30 mph with gusts reaching 50mph at times across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 30%

Visibility: Moderate or poor in rain, less in cloud with bases quite extensive from 500-750m.

Temperature: **Valleys:** Plus 5 Celsius rising 12 Celsius during the afternoon
At 600m: Plus 6-8 Celsius
Freezing level: Above summits